

30  
Jun 07

X - R A Y S O L A R F L A R E S

JUNE

2007

Sta Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF			Dur (Min)	Imp Xray	Total		Total Area(2)	Total(3) Intensity
						Region	Mo	CMP Day			Flux(1)	Total Area(2)		
GOES 28	0110	0117	0121						11	B 1.2	7.3E-05			
GOES	0659	0707	0723	S08	E73	10962			24	B 1.5	2.0E-04			
GOES	1410	1423	1431						21	B 2.9	2.6E-04			
GOES	1708	1717	1725	S09	E72	10962			17	B 3.2	2.4E-04			
GOES 29	0023	0028	0033						10	B 1.4	6.2E-05			
GOES	0055	0100	0105						10	B 1.4	6.3E-05			
GOES	0115	0124	0130						15	B 3.2	2.1E-04			
GOES	0230	0239	0245	S08	E66	10962			15	B 3.7	2.1E-04			
GOES	0450	0454	0457	S09	E64	10962			7	B 1.0	4.0E-05			
GOES	0805	0814	0829	S08	E63	10962			24	B 3.0	3.3E-04			
GOES	1001	1008	1014			10962			13	B 9.5	4.5E-04			
GOES	1828	1836	1841	S09	E57	10962			13	B 2.5	1.3E-04			
GOES	1942	1947	1959						17	B 1.3	1.1E-04			
GOES	2004	2013	2017			10962			13	C 1.1	4.8E-04			

Note 1: Total integrated flux computed from the event start time to end if available (units=J/m\*2).

Note 2: Total area is derived from SXI imagery in units of squared arc seconds of the largest flaring area.

Note 3: Total intensity is derived from SXI imagery in units of data numbers/second of the largest flaring area.

=====TABLE FORMAT CHANGE: Data are from the GOES full disk xray monitor supplemented with Solar Xray Imager (SXI) from January, 2004, to April 12, 2007. Positions, areas, and intensities are taken from SXI imagery using the largest flare event on the disk. Only the largest event is selected during multiple flares on the disk.

IMPORTANT NOTE: The xray sensor on GOES 12 was turned off on April 12, 2007, at 2250UT. The GOES SXI instrument is also inoperative. GOES 11 is now primary with GOES 10 backup for xray data. Effective April 13, 2007, xray flare locations will be determined by optical flare reports. Xray event times will still be from the xray data.